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Ma Re	Application Of: 1	Fakashi Tomoeda	•			
W/8	TRADEMA					
	Serial No.	Filing Date	Examiner	Group Art Unit		
				Group Art Unit		
	09/453,153	December 2, 1999	Unassigned	2748		
Title: CONTINUOUS SPEECH RECOGNITION APPARATUS AND METHOD						
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		Ade	dress to:			
Assistant Commissioner for Patents						
		Washingto	on, D.C. 20231			
		37 CF	R 1.97(b)			
1. 🗶		Disclosure Statement submitted	•			
	filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on					
		never event occurs last.	or before the maning date o	ra mst Office Action on		
	the monte, which	iovo, ovom occurs last.				
		37 CF	R 1.97(c)			
2. 🗆	The Information	The Information Disclosure Statement submitted herewith is being filed after three months of the filing				
of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.49						
	international application; or after the mailing date of a first Office Action on the merits, whichever					
	occurred last but	before the mailing date of either	:			
	1. :	a Final Action under 37 CFR 1.11	3, or	_		
		•	i i	RECT		
	2.	a Notice of Allowance under 37 CFR 1.311,	FR 1.311,	JUN Ta Zuul		
	whichever occurs first.					
	whichever occurs hist.			nology center 2600		
	Also submitted h	erewith is:				
		No. 22 22 25 25 25 27 25 27 25 27 25 27 25 27 27 27 27 27 27 27 27 27 27 27 27 27				
	a certificat	tion as specified in 37 CFR 1.97(	e);			
		OR				
	_					
	the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement					
	under 37 (	CFR 1.97(c).				

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No.						
(Under 37 CFR 1.97(b) or 1.97	1 5 7	13220				
(Older 57 CFR 1.57(D) 01 1.57(C))						
In Re Application of Takashi Tomoeda						
JUN 0 4 2001						
Serial No.	Examiner	Group Art Unit				
09/453,153 RADEN December 2, 1999		2748				
Serial No. Filling Date 09/453,153  TRADEN December 2, 1999	Unassigned	2/40				
Title: CONTINUOUS SPEECH RECOGNITION APPARATUS AND METHOD						
Payme	ent of Fee					
Payment of Fee  (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))						
☐ A check in the amount of is attached.						
☑ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP						
as described below. A duplicate copy of this sheet is enclosed.						
Charge the amount of						
☑ Credit any overpayment.						
Charge any additional fee required.						
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Certificate of Transmission by Facsimile*	Certificate of Mailing by					
I certify that this document and authorization to charge deposit	I certify that this document and fe	e is being deposited on .S. Postal Service as first				
account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. ) on	class mail under 37 C.F.R. 1.8					
Patent and Trademark Office (Fax. No. ) on	Assistant Commissioner for Pate 20231.	ents, Washington, D.C.				
(Date)	20231.					
	Danet Groom	nan				
Signature	Signature of Person Mailing	Correspondence				
Janet Grossman						
Typed or Printed Name of Person Signing Certificate	Typed or Printed Name of Person	Mailing Correspondence				
*This certificate may only be used if paying by						
deposit account.						
10.1111		REC				
	Dated: June 1, 2001	HIM w				
Signature		JUN v 7 Zuvi				
Paul J. Esatto, Jr.  Registration No. 30 749  Technology Center 2600						
Registration No. 30,749						
Scully, Scott, Murphy & Presser						
400 Garden City Plaza						
Garden City, NY 11530						
(516)742-4343						
CC:						

#-1/ 6-7-0/ &C PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Takashi Tomoeda

**Docket:** 13220

Serial No.: 09/453,153

Examiner: Unassigned

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Filed: December 2, 1999

**Group Art Unit: 2748** 

JUN 0.7 2001

For: CONTINUOUS SPEECH RECOGNITION

**Dated:** June 1, 2001

**Technology** Center 2600

APPARATUS AND METHOD

Assistant Commissioner for Patents Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

- 1. Japanese Laid-Open Patent Application No. 6-102897, published April 15, 1994;
- 2. Japanese Laid-Open Patent Application No. 6-308994, published November 4, 1994;
- 3. Japanese Laid-Open Patent Application No. 7-104780, published April 21, 1995

The references were cited in an Official Action dated March 6, 2001 received

## **CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on June 1, 2001.

Dated: June 1, 2001

Ignet Grossman

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from the Japanese Patent Office. Applicant is submitting copies of the above-cited references,

together with a translation of the Examiner's comments regarding the references from the Official

Action. The relevance of the references are described in the Official Action.

In compliance with the requirements of 37 C.F.R. §1.98(a)(3), as a concise

statement of relevance, as it is presently understood by the individual designated in 37 C.F.R.

§1.56(c) most knowledgeable about the content of the information, the undersigned attorney of

record submits a translation of portions of an official action by a foreign examiner in which the

references were cited. The relevance to the pending U.S. patent application is that the references

were cited in a foreign patent application on the same subject matter. However, no independent

analysis of the references, the accuracy of the statement of the foreign examiner or the claims of

the foreign application under the laws of that country or the United States relative to the subject

matter claimed in the present application has been made; the present understanding of the

contents thereof by the undersigned being based on the translation of the foreign examiner's

comments submitted herewith.

Inasmuch as this Information Disclosure Statement is being submitted in

accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

Paul J. Esatto, Jr.

Registration No. 30,749

Scully, Scott, Murphy & Presser 400 Garden City Plaza Garden City, New York 11530 (516) 742-4343

PJE:lf



## UNITED STATES PATENT AND TRADEMARK OFFICE VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:

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JUN 0 7 2001

My name and post office address are as stated below;

**Technology** Center 2600

That I am knowledgeable in the English language and in the Japanese language, and that I believe the English translation of the marked portion of the attached Japanese document is true and complete.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: April 4, 2001

Full name of the translator:

Katharine Ann SMALLEY BSc,

Signature of translator:

For and on behalf of RWS Group plc

Post Office Address:

Europa House, Marsham Way, Gerrards Cross, Buckinghamshire,

England.

(With regard to claims 1, 2, 8, 9 and 10)

Performing continuous speech recognition by the beam search of a tree structure is disclosed in cited documents 1 and 2 hereinbelow.

Making the systems of cited documents 1 and 2 hereinbelow such that the addition of part(s) of speech data and the branch pruning of the beam search is performed could easily be achieved by those skilled in the art based on the disclosure of cited document 3 hereinbelow.

List of cited documents, etc.

- 1. Japanese laid-open patent application H6-102897
- 2. Japanese laid-open patent application H7-104780
- 3. Japanese laid-open patent application H6-308994

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Record of the results of the prior art documents search

• Field searched IPC edition 7 G10L15/00

DB name